

# Abstract

A toner for developing electrostatic latent images comprising a colored resin particle containing a binder resin, a colorant, a charge control agent and a parting agent, has the following properties: (1) the colored resin particle has a volume average particle diameter ( $D_v$ ) in the range of 4 to  $9\mu\text{m}$ ; (2) the colored resin particle has an average circularity in the range of 0.93 to 0.995; (3) a share viscosity ( $\eta_1$ ) at a temperature of  $130^\circ$  and a shear rate of  $10/\text{s}$  is 3,500 to 8,000  $\text{Pa}\cdot\text{s}$ ; (4) a share viscosity ( $\eta_2$ ) at a temperature of  $130^\circ$  and a shear rate of  $500/\text{s}$  is 300 to 1,300  $\text{Pa}\cdot\text{s}$ ; and (5) a content A of a component having a volatilization temperature of  $130^\circ\text{C}$  or lower is 100ppm or smaller; (6) a content B of a component having a volatilization temperature of higher than  $130^\circ\text{C}$  to  $180^\circ\text{C}$  is 100ppm or smaller; (7) a total of the content A and the content B is 150ppm or smaller; and (8) a ratio of the content A to the content B is 1.0 or smaller. The toner has excellent hot-offset resistance and environmental durability and can be form an image with a stable image density.